Amendments to the Claims:

This listing of claims will replace, without prejudice, all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7 (Canceled).

Claim 8 (Canceled).

9. (Currently Amended) The method according to claim ~~8~~ 18, wherein the at least one operating parameter includes at least one of a rotational speed and a signal characterizing an injected fuel volume.

Claim 10 (Canceled).

11. (Currently Amended) The method according to claim ~~8~~ 9, further comprising the step of determining the oxygen concentration in the exhaust gas ~~in accordance with operating parameters~~ based on one of a rotational speed and a signal characterizing an injected fuel volume.

12. (Currently Amended) The method according to claim ~~8~~ 18, wherein ~~the at least one operating parameter includes~~ the step of determining the particulate emission rate includes considering an additional variable representing a temperature in the exhaust treatment system.

13. (Currently Amended) The method according to claim ~~8~~ 18, further comprising the step of controlling the exhaust treatment system during a normal operation in accordance with the quantity.

14. (Currently Amended) The method according to claim ~~8~~ 18, further comprising the step of detecting an error in accordance with the quantity.

15. (Currently Amended) The method according to claim ~~8~~ 18, further comprising the step of controlling the exhaust treatment system during an emergency operation in accordance with the quantity.

Claim 16 (Canceled).

Claim 17. (Canceled)

18. (New) A method for controlling an internal combustion engine having an exhaust treatment system that includes a particle filter, comprising:

calculating a loading state of the filter, the process of calculating including:

determining a particulate emission rate of the internal combustion engine based on at least: a) one first operating parameter of the internal combustion engine; and b) an oxygen concentration in exhaust gas of the internal combustion engine; and

integrating the particulate emission rate over time, resulting in a loading state of the particle filter.

19. (New) A device for controlling an internal combustion engine having an exhaust treatment system including a particle filter, comprising:

a processing unit configured to:

calculate a loading state of the filter by:

determining a particular emission rate of the internal combustion engine based on at least: a) one first operating parameter of the internal combustion

engine; and b) an oxygen concentration in exhaust gas of the internal combustion engine; and

integrating the particle emission rate over time, resulting in a loading state of the particle filter.